



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/788,229	02/17/2001	Clark C. Rines	4931.212	4112

40604 7590 06/02/2005

INTER-TEL, INC.  
7300 WEST BOSTON STREET  
CHANDLER, AZ 85226

EXAMINER

NGUYEN, VAN KIM T

ART UNIT PAPER NUMBER

2151

DATE MAILED: 06/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/788,229

Applicant(s)

RINES, CLARK C.

Examiner

Van Kim T. Nguyen

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 January 2005.  
2a) ☒ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-22 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date April 3, 2001.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This Office Action is responsive to communications filed on January 13, 2005.

The drawings were received on January 13, 2003. These drawings are Fig. 1, 2, and 3.

The information disclosure statement (IDS) submitted on April 2, 2001 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the IDS has been considered by the examiner and an initiated copy of the IDS is attached.

The Examiner has not been able to locate a copy of the IDS dated March 17, 2004 as stated by the Applicant. The Applicant is invited to resubmit the IDS for further consideration.

Applicant's arguments filed January 13, 2005 have been fully considered but they are not persuasive. Reasons are provided below.

### ***Claim Rejections - 35 USC § 102***

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Elliot et al (US 6,754,181), hereinafter Elliot.

Regarding claims 1-2, as shown in Figures 1-113, Elliot discloses

a directory of PCM and IP addresses (1082, 1910, 1906, 1934, 1977; col. 18: lines 11-24; col. 100: lines 29-46, col. 101: line 52 – col. 102: line 18) in an enterprise including a translation address database for a plurality members of the enterprise having IP terminals, addresses for IP

Art Unit: 2151

telephones with Internet connectivity, and addresses of other VOIP gateways on the Internet (1081, 1084, 1086);

a VOIP gateway (1950; col. 18: lines 37-62) linked with the directory and connected to receive a calling request from either PCM or IP telephones; the VOIP gateway providing a voice prompt and a response to the calling party requests in the form of either DTMF digits or voice signals (col. 258: line 28 – col. 260: line 10; esp. col. 259: lines 33-36 and col. 260: lines 1-10); and

the VOIP gateway further operating in response to calling party approval to automatically process a link between the calling party and a called party using a translated address assigned in the directory translation address database to the called party (col. 79: line 60 – col. 105: line 60; and col. 276: lines 9-38).

Regarding claim 2, the voice prompt and the response of the VoIP gateway are provided by a VRU (10850, 10950, 10720, 11140) built into the VoIP gateway (col. 258: line 28 – col. 260: line 10; esp. col. 259: lines 33-36 and col. 260: lines 1-10).

Regarding claim 5, Elliot also discloses the voice prompt and response are provided by a VRU (10850, 10950, 10720, 11140) coupled over a LAN (10840) to the VOIP gateway (col. 258: line 28 – col. 260: line 10; esp. col. 259: lines 33-36 and col. 260: lines 1-10).

Regarding claim 8, Elliot also discloses the directory is in the form of a dedicated directory server (12012) linked with the VOIP gateway (12018) over a LAN (12016) (col. 262: line 53 – col. 263: line 20).

Regarding claim 9, Elliot also discloses the directory includes fields to uniquely identify a member of the enterprise by name and number codes required to translate between PCM

Art Unit: 2151

(PSTN) and LAN (IP) environments (cols. 79– col. 105; esp. col. 101: lines 52-60, and col. 102: line 27 – col. 103: line 26).

Regarding claims 10-14, claims 10-14 are method claims that have substantially all the limitations of the respective apparatus claims 1-4. A method claim is obvious in view of an apparatus claim and vice versa if they contain substantially the same elements.

Regarding claims 17-18 and 22, claims 17-18 and 22 are apparatus claims contain substantially all the same limitations as claims 1-4, and thus rejected on the same basis.

Regarding claims 15-16 and 19, Elliot also discloses searching the directory database for the closest match of the name, the directory database comprising a plurality of databases (Fig. 19: 1906, 1920, 1922, 1934, etc.) of the enterprise relationally linked , and the directory comprising relational links to other databases within the enterprise (col. 18: lines 10-63)

Regarding claims 20-21, Elliot also discloses the VoIP directory service system further comprising a PBX system (Fig. 19: 1980) coupled to the VoIP gateway and receiving communication routing commands from the gateway, and the VOIP gateway is embedded within the PBX system (col. 18: lines 45-50).

### ***Response to Arguments***

4. Applicant's arguments filed January 13, 2005 have been fully considered but they are not persuasive.

As shown above, regarding claim 1, Elliot discloses a directory of PCM and IP addresses (1082, 1910, 1906, 1934, 1977; col. 18: lines 11-24; col. 100: lines 29-46, col. 101: line 52 – col.

Art Unit: 2151

102: line 18) in an enterprise including a translation address database for a plurality members of the enterprise having IP terminals, addresses for IP telephones with Internet connectivity, and addresses of other VOIP gateways on the Internet (1081, 1084, 1086); a VOIP gateway (1950; col. 18: lines 37-62) linked with the directory and connected to receive a calling request from either PCM or IP telephones; the VOIP gateway providing a voice prompt and a response to the calling party requests in the form of either DTMF digits or voice signals (col. 258: line 28 – col. 260: line 10; esp. col. 259: lines 33-36 and col. 260: lines 1-10); and the VOIP gateway further operating in response to calling party approval to automatically process a link between the calling party and a called party using a translated address assigned in the directory translation address database to the called party (col. 79: line 60 – col. 105: line 60; and col. 276: lines 9-38). Hence, Elliot teaches each and every element of the instant application.

Claims 10 and 17 are rejected based on similar reason.

### ***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

Art Unit: 2151

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

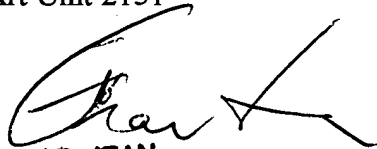
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Van Kim T. Nguyen whose telephone number is 571-272-3073. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Van Kim T. Nguyen  
Examiner  
Art Unit 2151

vkn



**FRANTZ B. JEAN**  
**PRIMARY EXAMINER**